



METROPOLITAN
TRANSPORTATION
COMMISSION

Agenda Item: 2h

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TO: Administration Committee

DATE: February 4, 2015

FR: Executive Director

W.I. 1413

RE: Funding Agreement – Plug-in Electric Vehicle Signage and Education Grants: Bay Area Air Quality Management District (\$500,000)

This memorandum seeks Committee approval to enter into a Funding Agreement between MTC and the Bay Area Air Quality Management District (Air District) for \$500,000 to support the Air District's plug-in electric vehicle (PEV) and charging infrastructure programs. The Air District has set aside up to \$12.5 million for PEV grant programs for interested public jurisdictions to purchase electric vehicles, including light and heavy duty vehicles and fleets, and PEV charging infrastructure. The requested funds would complement the Air District grant program; specifically these funds would support PEV signage and public education in jurisdictions that receive grants from the Air District. The requested funds are Cycle 1 Congestion Mitigation and Air Quality (CMAQ) funds programmed in the agency budget for the Climate Initiatives Outreach Program. The Air District would administer the funds.

Background

The transportation sector accounts for about half of the air pollution and greenhouse gases (GHGs) generated in the Bay Area. With more than 5.5 million on-road vehicles in the region, tailpipe emissions are significant sources of criteria pollutants and GHGs; emission reductions from the on-road transportation sector are essential to attaining State and Federal ambient air quality standards and to meeting the region's GHG reduction commitments. For this reason, both MTC and the Air District view PEVs as a promising technology to reducing tailpipe emissions, thus helping the region to achieve local, State, and Federal criteria pollutant and GHG emission reduction targets.

To reach these emission reduction targets, the Air District, in partnership with MTC and the Association of Bay Area Governments (ABAG), developed a plan to identify the key strategies to assist the Bay Area with PEV adoption which was co-sponsored by the Department of Energy and the California Energy Commission. The *Bay Area Plug-In Electric Vehicle Readiness Plan* outlines a series of strategies, best practices, and readiness guidance that can be taken by regional agencies and others to remove potential barriers and accelerate deployment of PEVs. The plan also identifies opportunities for focusing the Air District's incentive funds to meet these ambitious vehicle targets.

The Air District has three PEV grant programs available or pending release, which currently total \$8 million (out of the expected \$12.5 million total):

1. PEV Rebate Program (available now): With \$2 million available through the Transportation Fund for Clean Air (TFCA) Regional Fund, this voucher-based program is designed to help public agencies within the Air District's jurisdiction green their fleets by providing incentive funding for the purchase and lease of new vehicles.
2. PEV Charger Program (March 2015): \$2.5 million in TFCA funds available to support the expansion of the Bay Area's charging infrastructure. Funding will be used to expand the network of DC quick chargers and the availability of chargers at workplaces, multi-family unit dwellings (MuD), and key away-from-home destinations.
3. Zero-Emissions Vehicle Program (May 2015): \$3.5 million in TFCA funds available to support the purchase of Light-Duty Fleets and Heavy-Duty Vehicles and Buses.

The recommended CMAQ funds would complement the Air District's TFCA funds by providing small grants to local jurisdictions for signage and public education to support the use of PEVs and charging infrastructure. The Climate Outreach funds are a good match for the Air District's TFCA funds as the CMAQ funds are eligible for outreach-only activities (e.g., signage, outreach events, education), while the Air District's funds are not. Signage and public education are a necessary component for the successful implementation of PEVs and charging stations throughout the region.

Recommendation

Both MTC and Air District staff recommend this Committee authorize the Executive Director or his designee to negotiate and enter into a Funding Agreement with the Air District in the amount of \$500,000 to provide grants for PEV and PEV charging infrastructure signage and public education to jurisdictions that receive PEV grant funding from the Air District.



Steve Heminger

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REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Funding Agreement

Work Item No.: 1413

Organization: Bay Area Air Quality Management District, San Francisco, CA

Work Project Title: Plug-in Electric Vehicle Signage and Public Education Grants

Purpose of Agreement: To provide funding for small grants to local jurisdictions for plug-in electric vehicle (PEV) and charging signage and public education.

Brief Scope of Work: Provide local jurisdictions with small grants for signage and public education to support the Air District's current and future PEV grant programs.

Cost Not to Exceed: \$500,000

Funding Source: Congestion Mitigation and Air Quality funds

Fiscal Impact: \$500,000 is included in the FY 2014-15 agency budget.

Motion by Committee: That the Executive Director or his designee is authorized to negotiate and enter into a funding agreement with the Bay Area Air Quality Management District to provide grants for electric vehicle and electric vehicle charging infrastructure signage and public education as described above and in the Executive Director's Memorandum dated February 4, 2015, and that the Chief Financial Officer is authorized to set aside \$500,000 from the FY 2014-15 Agency Budget for this purpose.

Administration Committee: _____
Adrienne J. Tissier, Chair

Approved: Date: February 11, 2015